PALM BEACH STATE
COLLEGE

ASSIGNMENT INSTRUCTIONS
DISCUSSION #11

SUBJECT:
PASSWORD MANAGEMENT & PASSWORD MANAGERS

YOUR POST SHOULD INCLUDE, BUT IS NOT LIMITED TO:

What makes a bad password?
Describe the human factor that makes passwords weak?
    What are easy passwords?
    Why do people use easy passwords and not complex passwords?
    Why do people use repetitive passwords (the same password over and over)?
    Why is using a password repeatedly for many different accounts a bad idea?
Define brute force hacking.
Discuss the issue of length vs. complexity in regards to passwords.
Discuss short vs. long passwords. Which is better? Why?
Define "single point of failure".
Discuss using a password manager:
    Why use a password manager?
    List at least 3 features of a good password manager
    What is the major weakness of a password manager?
    Why must a password managers use good encryption?
Discuss using a mobile phone as a password manager.

REMEMBER:

You are graded on grammar, spelling and punctuation as well as your content.
There is a 1/2 point deduction for each error that your paper generates on www.languagetool.org
There is a 1/2 point deduction for not defining a term before using it.
There is a 1/2 point deduction for not defining an abbreviation properly.
    Ex. All Abbreviations Must Be Defined (AAMBD)
There is a 1/2 point deduction for not defining an abbreviation before using it.
Wikipedia is not a citation. There is a 10 point deduction for citing Wikipedia.

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Your post should include, but is not limited to:

Is a mobile phone a single point of failure? Why?

Why is using a spreadsheet to record all your passwords not such a good idea?
What countermeasures can be used to make storing passwords in a spreadsheet a
safe idea.

Is writing passwords down on a piece of paper a good idea? Why?

Discuss using Two Factor Authentication (2FA) or Multi-Factor Authorization
(MFA) as an additional requirement for logging in.
Does this improve security? How?

Should passwords be changed periodically? Why?

Evaluate one password manager.

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